THOMSON

Lyra Jukebox User's Guide

PDP2812

Important Information

WARNING

To reduce the risk of fire or electric shock, do not expose this product or AC charger to rain or moisture.

CAUTION

RISK OF ELECTRIC SHOCK DO NOT OPEN

To reduce the risk of electric shock, do not remove cover (or back). No user serviceable parts inside. Refer servicing to qualified service personnel.

This symbol indicates "dangerous voltage" inside the product that presents a risk of electric shock or personal injury.

This symbol indicates important instructions accompanying the product.

To reduce risk of injury, charge only rechargeable batteries recommended by the manufacturer for this product. Other types of batteries may burst causing damage and personal injury.

Sound Pressure Control

Les articles de loi L44.5 et 44.6 du code de la santé publique, modifiés par l'article 2 de la loi du 28 Mai 1996 imposent une puissance acoustique maximale de 100 décibels. Le casque livré (code 55972140) et votre appareil respectent la législation en vigueur.

A pleine puissance, l'écoute prolongée du baladeur peut endommager l'oreille de l'utilisateur.

Service

This product should be serviced only by those specially trained in appropriate servicing techniques. For instructions on how to obtain service, refer to the warranty in this guide.

Product Registration

Please fill out the product registration card and return it immediately. Returning this card allows us to contact you if needed.

Product Information

Keep your sales receipt for proof of purchase to obtain warranty parts and service and attach it here. Record the serial number and model numbers — both numbers are located on the product.

Model No. _____

Serial No. _____

Purchase Date _____

Place of purchase _____

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Dear Thomson Customer,

Thank you for purchasing the Thomson Lyra™ Jukebox. **This product will play open mp3 and Windows Media™ audio (WMA).**

Unpacking Your Unit

Your Lyra Jukebox came with everything you need to make music portable — all of the items shown below should have been packed in the box with your Lyra Jukebox.

Lyra Jukebox

Music Management CD
Contains the Lyra Jukebox applications & MusicMatch Jukebox software

AC/DC adapter charger

Mini USB cable
Plug the small end into the USB on your Lyra Jukebox, and plug the other end into your computer's USB port.

Headphones

Illustrations contained within this publication are for representation only and subject to change.

Things to consider before you get started...

Computer System Requirements

- Pentium III 500MHz or higher recommended

  Macintosh iMac G3 or higher
- Windows ®98SE, Me, 2000, or XP

  Mac OS X Version 10.1.5 or higher
- Internet Explorer 4.0 or higher
- Internet access
- 100MB free hard disk space for the software
- 64MB RAM (128 MB recommended)
- CD-ROM drive capable of digital audio extraction
- USB port (2.0 recommended)
- Sound card
- 16- bit color video card

Warning

Use of this product is for your personal use only. Unauthorized recording or duplication of copyrighted material may infringe upon the rights of third parties and may be contrary to copyright laws.

Caution

- Keep product out of direct sunlight. Exposure to direct sunlight or extreme heat (such as inside a parked car) may cause damage or malfunction.
- Do not expose to rain or moisture.

Caution While Driving

Use of headphones while operating an automobile or moving vehicle is not recommended and is unlawful in some states and areas. Be careful and attentive on the road. Stop operation of the unit if you find it disruptive or distracting while driving.

Back up your data

As with any portable device that has a hard drive, you must back up the drive regularly. RCA and Thomson are not responsible for lost data.

Important Battery Information

- Charge the unit for at least 3 hours before first use.
- Charge the unit for at least 3 hours after putting away the unit for a long time.
- The battery used in this device may present a risk of fire or chemical burn if mistreated. Do not separately recharge, disassemble, heat above 100C (212F), or incinerate.
- **Battery replacement should only be made by a trained technician. Refer to Limited Warranty for details.**
- Do not attempt to open the unit. No user serviceable parts inside.
- To reduce risk of injury, use only rechargeable batteries recommended by the manufacturer for this product. Other types of batteries may burst causing damage and personal injury.
- Keep the unit away from children. Do not disassemble or incinerate.
- Use only the specified chargers which were packaged with the product. Use of another charger may present a risk of fire or explosion.

Caution

- The battery used in this device may present a risk of fire, explosion, or chemical burn if mistreated. Do not recharge, disassemble, heat above 100ºC (212)F), or incinerate.

- Do not place the battery under direct sunlight or in excessively hot places over 45ºC (113ºF) such as the dashboard of car.
- Charges with specified charger which is packaged with the product.

- Dispose of used battery promptly. Keep away from children. Do not disassemble and do not dispose of in fire.

The Music Management CD that came with your Lyra Jukebox contains all of the necessary software components you need to make your Lyra Jukebox work properly.

These components do the following:

- enable you to transfer files from your computer to your Lyra Jukebox
- profile, format and sort the contents, update the system files.
- use the MusicMatch Jukebox software to organize your music collection and transfer the music to your Lyra Jukebox

The MusicMatch Jukebox™ software compresses audio files (from music CDs) to the mp3 or Windows Media Audio (WMA) format so you can play them on your Lyra Jukebox. The MusicMatch software also enables you to download files from the internet that are already compressed and then transfer those files to your Lyra Jukebox (or play the music on your computer).

Inserting the Included CD-ROM into CD-ROM Drive

Note: *Do not connect your Lyra Jukebox to your computer before you have installed the required drivers. (Windows 98SE only)*

1. Turn on your computer and place the Music Management CD that came with your Lyra Jukebox into your computer.

   IMPORTANT: *Don't connect the USB cable to the PC or Lyra Jukebox before or during the driver installation.*

   If you're running Windows 2000/XP, no additional drivers are required.
   If you're running Windows 98SE, you ***must*** *install the USB drivers from the CD-ROM in order for the Lyra Jukebox to function properly.*

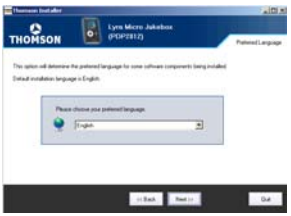
2. If the setup screen does not appear, double click *My Computer*, double click your CD-ROM drive icon, and double click *Install t*o run the installer.

   The Lyra Jukebox and MusicMatch Jukebox quick start program runs.

The Welcome Screen

1. The welcome screen is displayed.
2. Click *Next* to continue.

The Preferred Language



1. After the welcome screen, the program will ask you to choose your favourite language.
2. Select your favourite language.
3. Click *Back* to return to previous screen and check again.
4. Click *Quit* to abort installation.
5. Click *Next* to continue.

Install Necessary Software

The program will now install all software necessary for your Lyra Jukebox device to function properly on your system..

1. Click *Install* to install all the necessary software.

   Note: The installation program will detect whether your system requires a USB driver. If you are using Windows 98SE, the program will install the USB driver first.

End User License Agreement

Please read the End User License Agreement carefully, you can quit the installation anytime if you do not agree with it.

1. Click *Back* to return to previous screen and check again.
2. Click *Quit* to abort installation and return to startup screen.
3. Click *Accept* to continue installation.
4. The installation will start.

Performing the Installation

1. At this point during the installation process, the necessary software components will be installed on your system and may take a few moments to complete.
2. When the installation is completed, click *Next* to continue.

Install MusicMatch

1. Click *Install* to continue the installation of the MusicMatch software.
2. Click *Back* to return to previous screen.
3. Click *Skip* to skip the musicmatch installation.
4. Click *Quit* to abort installation.

Note: Actual installation software presented may vary based on the name of the store entered in the Purchased Location screen.

Install Moodlogic

1. Click *Install* to continue the installation of the Moodlogic software.
2. Click *Back* to return to previous screen.
3. Click *Skip* to skip the Moodlogic installation.
4. Click *Quit* to abort installation.

Install Additional Software

1. Click *Launch* to continue the installation of additional software.
2. Click *Back* to return to previous screen.
3. Click *Next* to skip.
4. Click *Quit* to abort installation.

Rebooting the Computer

1. The installer may ask you to reboot your computer. It is highly recommended to reboot your computer for your device to work properly. To reboot your computer, click *Reboot*.
2. Click *Back* to return to previous screen.
3. Click *Skip* to skip the reboot.
4. Click *Quit* to abort installation.

Installation Completed

1. Installation is completed! You can go to the manufacturer's website for more information.
2. Click *Back* to return to previous screen.
3. Click *Finish* to view the instruction book stored in the installer CD.
4. Click *Quit* to finish installation.

Launch the MusicMatch software

The MusicMatch icon found in your computer's system tray.

The MusicMatch software converts audio files to the mp3 or WMA format so you can play them on your Lyra Jukebox.

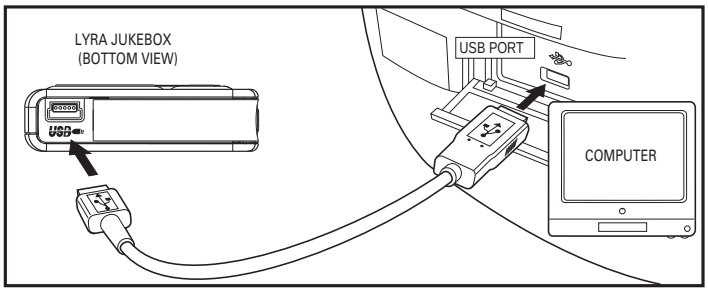
1. Remove the Music Management CD from your computer.
2. Start the MusicMatch Jukebox software (double click on the MusicMatch icon in your system tray or on your desktop).

Connecting Lyra Jukebox to the Computer

Connect the Lyra Jukebox to your computer with the mini USB cable provided. The unit will turn on automatically. The Lyra Jukebox will appear as a Removable Disk drive letter (mass-storage mode only).

Note: *It might take several seconds for the device (the Lyra Jukebox) to be detected, especially in Windows 2000/XP. Click Refresh in My Computer or Explorer to make sure the device has been detected.*

Note: *The Lyra Jukebox is capable of transferring files at hi-speed mode of USB 2.0. If USB 2.0 port is available on your computer, use it to connect to your Lyra Jukebox. The Lyra Jukebox is still backward compatible with the older USB 1.1 ports. However, you will not be able to take full advantage of the potential speed increase.*



Transferring Files to Lyra Jukebox

You can transfer files to your Lyra Jukebox via MusicMatch Jukebox or via Windows Explorer.

If your Lyra Jukebox isn't already connected to your computer, connect the Lyra Jukebox to the computer using the provided USB cable as illustrated above.

> ***Important:*** *Do not disconnect the USB cable during music download. Doing so may corrupt system files or the files being downloaded.*

Transfer Files via MusicMatch Jukebox

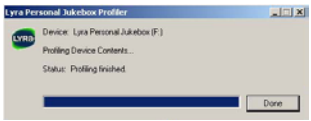
1. Drag and drop desired tracks from the *Music Library* to the *Playlist* display and save the playlist.

   Note : *Be sure to save the playlist or it will not be displayed on the playlist window of the Portable Device Manager screen.*

2. From the menu area, select *Files/Send to Portable Device* or click *Send to Portable* under the copy item on the left side of the MusicMatch Jukebox screen to display the Portable Device Manager screen.

3. Click on *Options* and select your portable device under *Select Device*. Click *OK*. Your device should be listed under Portable Device.

4. Select the playlist item and drag it to the active device listed under Portable Device. Only those playlists saved in step 1 are displayed on the playlist window. The songs in the playlist will now be automatically transferred to your Lyra Player.



When the transfer is finished, the *Lyra Personal Jukebox Profiler* application may automatically run so it can sort/profile the newly transferred files.

You can run the profiler manually by right clicking on the Lyra icon on the System Tray Area.

Caution: *Make sure all data are transferred to the Lyra Jukebox before unplugging the USB cable.*

If you're running Windows 2000 you must stop the device before unplugging it. Click the Unplug or Eject hardware icon from the system tray and select the USB Mass Storage device for the drive letter associated with the Lyra Jukebox, and select the device you want to stop. See the Windows Help for details about the Unplug or Eject Hardware topic.

Transfer Files via Windows Explorer (Drag and Drop)

If your Lyra Jukebox isn't already connected to your computer, connect the Lyra Jukebox to the computer using the provided USB cable and turn on the unit.

From Windows Explorer, highlight all the files/folders you want to transfer to your Lyra Jukebox and drag them to the drive letter that is associated with it.

> ***Note:*** *You must profile your contents after file transfer in order for the new files to appear in the Navigation Menus.*

Create Pre-defined Playlists and Transferring them to the Jukebox

Pre-defined playlists can be created on your PC using MusicMatch Jukebox. Refer to the MusicMatch Jukebox User Manual for details. Note that only playlists created with songs stored on the Lyra Jukebox will work on the Lyra. Use Windows Explorer to transfer pre-defined playlists to your Lyra Jukebox.

If your Lyra Jukebox isn't already connected to your computer, connect it using the provided USB cable and turn the unit on.

From Windows Explorer, highlight the pre-defined playlists that you have created in MusicMatch Jukebox and drag them to the *lyra_playlists* directory in the drive letter associated with your Lyra Jukebox.

> ***Note:*** *You must profile your contents after file transfer in order for the new files to appear in the Navigation Menus.*

Disconnecting Your Lyra from the Computer

Note: *Before disconnecting the USB cable from the computer or the Lyra Jukebox, be sure the "Safe to unplug" message is displayed.*

Unplug or Eject Hardware
Select the device you want to unplug or eject, and then click Stop. When Windows notifies you that it is safe to do so unplug the device from your computer.
Hardware devices:
USB Mass Storage Device
RCA RD2840 Player USB Device
Generic volume - (H:)
RCA RD2840 Player USB Device on USB Mass Storage Device
Properties
Stop
Display device components
Show Unplug/Eject icon on the taskbar
Close

From the System Tray, double click the left mouse button on the icon and select *Unplug or eject hardware*. Select the drive corresponding to your Lyra player.

Stop a Hardware device
Confirm devices to be stopped, Choose OK to continue.
Windows will attempt to stop the following devices. After the devices are stopped they may be removed safely.
USB Mass Storage Device
Generic volume - (H:)
RCA RD2840 Player USB Device
OK
Cancel

The *Stop a Hardware device* screen appears. Select the device to be stopped again for confirmation and click *OK*.

You can also stop your Lyra Jukebox by right clicking on the icon from the system tray and selecting the drive corresponding to your player.

System Tray Applications

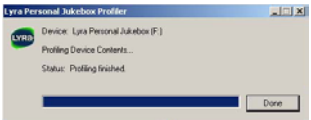
Profile

New files that are transferred to your Lyra Jukebox using Windows Explorer (drag and drop) will not appear in the Navigation Menus until you profile the contents. If MusicMatch Jukebox was used to transfer files, profiling will be done automatically.

1. Connect your Lyra Jukebox to the computer using the provided USB cable if it is not already connected and turn the unit on.

2. Right click on the Lyra icon in the System tray (bottom right hand corner of the computer screen.

3. Select the *Profile Device Content...* item to start the profiling and sorting contents.



4. Click *Done* when profiling is complete.

Caution: *Make sure all data are transferred to the Lyra Jukebox before unplugging the USB cable.*
In Windows 2000, you must stop the device before unplugging it. Click the *icon (the Unplug or Eject hardware icon) from the system tray and select the USB Mass Storage device for the drive associated with the Lyra Jukebox, and click STOP. See the Windows Help for details about the Unplug or Eject Hardware topic. In Windows 98SE/Me, click the* *icon and follow the same instructions as above.*

Verify User Playlists

Verify items in the User Playlists under the *lyra_playlist* system folder exists on the Lyra Jukebox. This will ensure the songs in your User Playlists on the device are still present on your device.

1. Connect your Lyra Jukebox to the computer using the provided USB cable if it is not already connected and turn the unit on.

2. Right click on the Lyra icon in the System tray (bottom right hand corner of the computer screen) and select the *Verify User Playlists...* item.

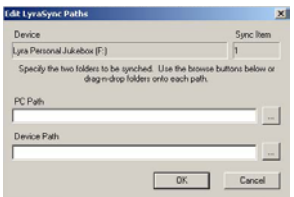
LyraSync

Files and folders can be synchronized between your PC and your Lyra Jukebox.

1. Connect your Lyra Jukebox to the computer using the provided USB cable if it is not already connected and turn the unit on.

2. Right click on the Lyra icon in the System tray (bottom right hand corner of the computer screen and select *LyraSync*.

3. The *LyraSync Options* screen appears.



4. Click *Insert* to select the paths of files and folders to synchronize between your PC and the Device. Click *OK*. Or you can drag and drop a selected folder onto the LyraSync window using Windows Explorer or My Computer.

5. Select the desired LyraSync direction.

   • PC overwrites Device - The PC is the source and the Device (Lyra Jukebox) is the destination.

   • Device overwrites PC - The Device (Lyra Jukebox) is the source and the PC is the destination.

   • Synchronize PC and Device - Both sides are source and destination. At the end of synchronization both sides will be identical.

6. Click *Synchronize* to start.

Note:

All folders and all files and sub folders in the source folder will be copied to the destination.

Files with the same name will be over written. No other files in the destination folder will be erased if the Delete Files/Folders option is NOT checked. At the end of synchronization the destination folder will contain all the files from the source folder plus any other files that were in the destination folder prior to synchronization.

If the Delete Files/Folders option IS checked then files in the destination folder that were not in the source folder will be erased. At the end of synchronization both sides will be identical.

How to optimize LyraSync and Lyra Jukebox capabilities:

Caution: This will only work if the size of all the files in the PC Music folder do not exceed the capacity of the Lyra Jukebox.

1. Create a folder called Music on the PC (For example on the C: drive - C:\Music).
2. Organize all the music that you want on the Lyra Jukebox under this folder.
3. Define the Music folder to be the Lyra Sync folder.
4. Select Synchronize PC and Device.
5. After synchronization you will have a folder on the Lyra Jukebox called Music and it will be an identical copy of all the content in the PC Music folder. This will also make it easy to use LyraDJ.

LyraDJ

LyraDJ is a software that can easily generate playlists for you, after analyzing the acoustic characteristics of your songs, the software will create sets of related content that you can listen to and enjoy.

Important Note:

1. LyraDJ will only work with mp3 files.

2. LyraDJ will only work with files that are on the Lyra Jukebox.

3. LyraDJ will only work on files in a folder called Music.

Before transferring mp3 files to the Lyra Jukebox create a folder called Music then copy all music folders or mp3 files to this folder. Multiple level sub folders under the Music folder are allowed and recommended for optimum device performance and ease of finding content. For example D:\Music\Artist1\Album1\Song1.mp3

1. Start LyraDJ.
2. The software will ask you to connect the Lyra Jukebox to the computer via USB cable.

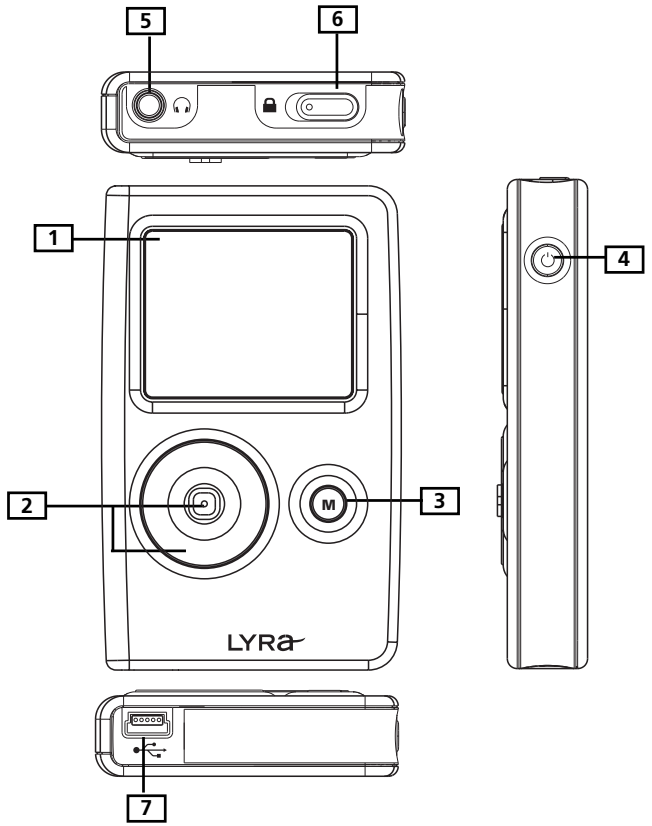
3. Click *Analyze* to start analyzing songs in the Lyra Jukebox.

4. Make sure the Lyra Jukebox has at least 64 songs or else the software will not be able to generate playlist.

5. When the analysis is completed, the software will create playlists (the number of playlists created will vary, depending on the total number of songs stored in the Lyra Jukebox), you can save these playlists into the Lyra Jukebox.

6. Click *Help* at the top right corner for more informations.

Overview of General Controls



Front View

1. **LCD (Liquid Crystal Display) -** This is where the Lyra Jukebox's user interface appears (go to *Navigation Display* for an explanation of the items that appear on the LCD during playback).

Navigation Controls

2. **CONTROL** - For navigation control and various functions in different modes.

   Audio navigation mode

   Control joystick - Press once to play the highlighted item; or press and hold to select the item into My Selections.

   UP - scroll up one item in list.

   DOWN - scroll down one item in list.

RIGHT - go in one level.

LEFT - go back one level.

Control ring - Rotate clockwise to scroll down, rotate counterclockwise to scroll up.

Audio playback mode

Control joystick - Press once to pause the selected item; or press and hold to select the item into My Selections.

RIGHT - Press to skip to the next song, press and hold to search forward.

LEFT - Press to skip to the previous song, press and hold to search backward.

UP - Volume up.

DOWN - Volume down.

Control ring - Rotate clockwise to increase volume, rotate counterclockwise to decrease volume.

Photo navigation mode

Control joystick - Press once to view the selected item, if the item selected is a folder, the slide show will start.

RIGHT - go in one level.

LEFT - go back one level.

UP - Scroll up, press and hold to scroll continously.

DOWN - Scroll down, press and hold to scroll continously.

Control ring - Rotate clockwise to scroll down, rotate counterclockwise to scroll up.

Photo viewing mode

Control joystick - Press once to return to navigation menu; in slideshow, press to pause or resume playback.

RIGHT - Skip to the next item.

LEFT - Skip to the previous item.

3. **M (Menu)** - Enter or exit menu.

Right View

4. **ON / OFF / STOP** - When the power is off, press to turn on the unit; when the unit is in stop mode, press to turn the power off. When playing music or viewing photo, press to stop playback.

Top View

5. **Headphones jack (🎧)** - Insert the headphones plug here.
6. **HOLD** - Slide to activate or deactivate key lock.

Bottom View

7. **USB port (to computer) -** Attach the small end (Type mini-B) of the mini-USB cable here. Attach the large end (Type A) to your computer. The unit will enter USB mode automatically, and you can transfer files to and from the computer.

   The Lyra Jukebox will get power from the USB port when connected, the power draw from the USB port will only be enough to support data transfer.

   USB port (to power supply) - Plug in the AC power adapter here, the battery inside the Lyra Jukebox automatically starts charging.

> **Note**: For optimum charging, DO NOT turn the player off. However, the unit will automatically turn off when charging is completed.

Before You Begin

The following example illustrates what you should do before operating your Lyra Jukebox.

1. These instructions presume you've already done the followings:

   - Installed all necessary applications (go to *Necessary Applications* for detailed instructions).
   - Transferred music from your computer to the Lyra Jukebox and profiled the contents.

   Note: *The music you're transferring could be from a CD you put in your computer, the internet, or music you already had loaded onto your computer.*

2. If you haven't unplugged the Lyra Jukebox from your computer, detach the USB cable from the Lyra Jukebox, follow the procedure below depending on the operating system (XP, 2000, ME or 98SE) your computer is using.

   In Windows 2000, you must stop the device before unplugging it. Click the *icon (the Unplug or Eject hardware icon) from the system tray and select the USB Mass Storage device for the drive associated with the Lyra Jukebox, and click STOP. See the Windows Help for details about the Unplug or Eject Hardware topic.*

   In Windows 98SE/Me, click the *icon and follow the same instructions as above.*

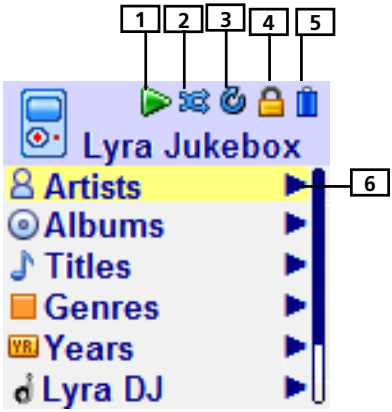
3. If you've fully charged the battery, disconnect the AC adapter from the outlet and then from your Lyra Jukebox. (The Lyra Jukebox needs to be plugged in for about 3 hours before the battery is fully charged.

   Note: *If the battery isn't fully charged, keep the Lyra Jukebox plugged in while you listen to the music.*

4. Connect the headphones to your Lyra Jukebox.

5. If your Lyra Jukebox isn't already on, turn it on by pressing the **ON/OFF/STOP** button. The main navigation menu appears.

Navigation Display



1. This icon will change to show whether the device is playing or paused.
2. This icon will change to indicate the shuffle mode.
3. This icon will change to indicate the repeat mode.
4. The lock icon is displayed when the key lock function is activated. This can be activated by sliding **HOLD** to the left. To unlock, slide **HOLD** to the right.
5. This icon will show the battery level of the unit. When charging, the icon will animate.
6. Indicates that the item can be entered.

Menu Navigation

1. To scroll up and down and highlight items on the screen, rotate the **Control ring** clockwise and counterclockwise.

2. To enter and view the submenu, push the **Control joystick** to the right.

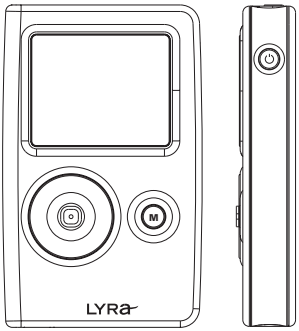
3. To go back to the previous menu level, push the **Control joystick** to the left.

4. To view the menu at any given time, press the **M** button.

Music Playback Display

1. The current song number out of the total number of songs.
2. Displays song name.
3. Song elapse time.
4. Song total duration.
5. Shows song bitrate
6. Shows song format (mp3 / wma)
7. Displays artist name.
8. Displays album name.
9. Displays genre type.
10. Displays year.
11. Shows whether the device is playing or paused.
12. Shows whether the shuffle function is activated or not.
13. Shows whether the repeat function is activated or not.
14. Shows whether the key lock function is activated or not.
15. Show the battery level of the unit. When charging, the icon will animate.

Music Playback Operation



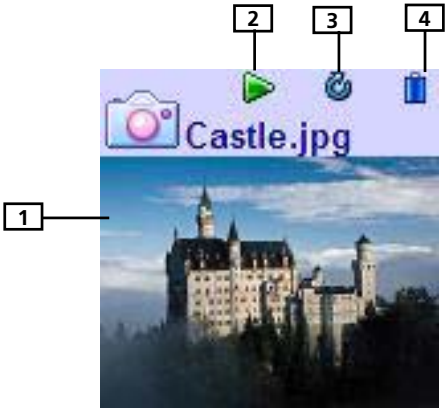
- Once the item that you want to play is highlighted, press the **Control joystick** to begin playback. This item can be an artist, an album, a playlist, or a song. Press again to pause playback. The unit will automatically power off after being idle for more than the Power Save interval (length of this Power Save interval can be modified in the *Setting* menu).
- To scan backward in the track that's playing, push and hold the **Control joystick** to the left.
- To scan forward in the track that is playing, push and hold the **Control joystick** to the right.
- To go to the next track, push and release the **Control joystick** to the right.
- To go to the previous track, push and release the **Control joystick** to the left.
- To stop playback, press the **On/Off/Stop** button on the side of the unit.
- To turn up the volume, rotate the **Control ring** clockwise during playback. The volume bar updates to show the increase in volume level.
- To turn down the volume, rotate the **Control ring** counterclockwise during playback. The volume bar updates to show the decrease in volume level.
- To add an item to *MySelections* list, press and hold the **Control joystick** (in navigation mode or during playback). You can add an album, an artist, or an individual songs. Songs saved in this list can be played and viewed through the *Playlists* menu.
- Press **M** repeatedly during music playback to switch between the following screens:

  First Press: Previous navigation menu shown before playback began.

  Second Press: The options menu

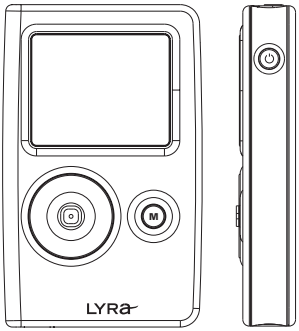
  Third Press: Back to the playback screen.

Photoview Display



1. The current viewing photo.
2. Shows whether the slide show is playing or paused.
3. Shows whether the repeat function is activated or not.
4. Show the battery level of the unit. When charging, the icon will animate.

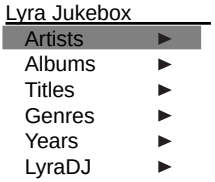
Photoview Operation



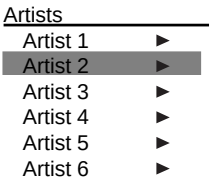
- Once the item that you want to view is highlighted, press the **Control joystick** to view.
- If the item you select is a folder, press the **Control joystick** to start the slide show.
- To skip to the next item, push the **Control joystick** to the right or rotate the **Control ring** clockwise.
- To skip to the previous item, push the **Control joystick** to the left or rotate the **Control ring** counterclockwise.
- To stop viewing and return to navigation menu, press the **On/Off/Stop** button on the side of the unit or press the **Control joystick**.

Navigation Menu

The following example illustrates steps to select and play songs in the *Artists* category.



1. Highlight *Artists* by rotating the **Control ring**..



2. Push the **Control joystick** to the right to enter the highlighted item (the *Artists* menu appears with the artists stored on your Lyra Jukebox listed in alphabetical order).
   - To scroll up and down the *Artists* menu, rotate the **Control ring**.
   - To return to the previous menu, push the **Control joystick** to the left.
   - To go to the previous menu, push the **Control joystick** to the left.

3. To view the songs for the artist highlighted, push the **Control joystick** to the right to enter the highlighted item (the songs for that artist appear in alphabetical order).
   - To scroll up and down and view the list of songs for the selected artist, rotate the **Control ring**..
   - To return to the previous menu, push the **Control joystick** to the left.

Note: *To show the option menu at any stage of navigation, press* ***M****.*

Highlight the desired song.

- To play the song, press the **Control joystick.**
- Song's information will show on the display during playback.
- To end playback, press the **Stop/On/Off** button, the display will return to the last screen you were in.
- To return to the previous menu, push the **Control joystick** to the left.

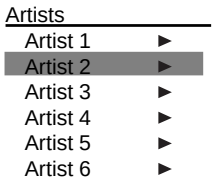
Note: *The information provided in the playback screen depends upon the ID3 tags that have been set up for the song.*

Playlists

MySelections

You can create a *MySelections* temporary playlist using the Lyra Jukebox.

1. In navigation mode, move the cursor to highlight the item to be selected.
   - To scroll up and down, rotate the **Control ring**.
   - To enter the highlighted folder, push the **Control joystick** to the right.
   - To go back to the previous folder, push the **Control joystick** to the left.
   - To view option menu, press the **M** button.

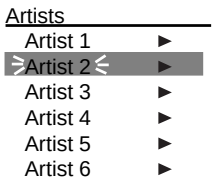


2. If the item is an item (artist, album, song, etc.), press and hold the **Control joystick** to tag all the songs belonging to the selected item and place them into the *MySelections* playlist.

   If the item is a song, press and hold the **Control joystick** to tag the song and place it into the *MySelections* playlist.

   When adding to My Selection, "Add to Mysel" is displayed onto the display.

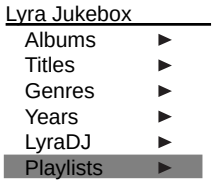
   You can add a song/item into the *MySelections* playlist as many times as you want, even if it had already been selected.



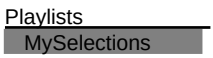
Refer to "View User Playlist" to view items in the MySelections playlist.

To clear MySelections playlist, refer to "Clear Playlists" .

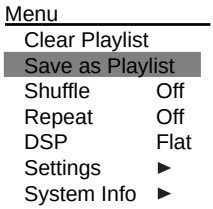
Save MySelections as a Playlist



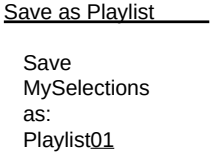
1. In navigation mode, push the **Control joystick** to move the cursor to *Playlists*.



2. When *MySelections* playlist is displayed, press **M** to enter the option menu.

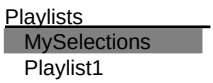


3. Push the **Control joystick** to move the cursor to *Save as Playlist*. Press the **Control joystick** to enter.



4. Press the **Control joystick** when you see this screen, the unit will use *Playlist* 1 as the default setting. You can change the name of the playlist as you wish.

   - Push the **Control joystick** to left and right to move the cursor.
   - Rotate the **Control ring** to change the alphabet.

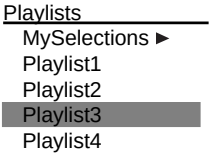


5. Press the **Control joystick** to save.

View Playlists

1. In navigation mode, push the **Control joystick** to move the cursor to *Playlists*.

2. Push the **Control joystick** to the right to enter the *Playlists*.

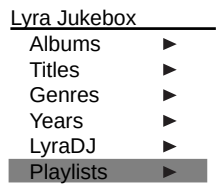


3. Rotate the **Control ring** to scroll up and down the *Playlists* menu to select the desired playlist to be viewed.

4. Push the **Control joystick** to the right to view tagged items in the selected playlist.

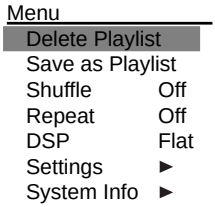
Note: Refer to *Creating Pre-defined Playlists and transferring them to your Lyra Jukebox* for details

Clear Playlists



1. In navigation mode, rotate the **Control ring** to move the cursor to *Playlists*.

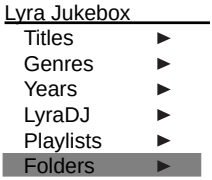
2. When *MySelections* playlist is displayed, press M to enter option menu.
3. Select *Clear Playlist*, press the Control joystick to confirm.
4. For playlists other than the MySelections playlist, they can only be deleted, push the **Control joystick** to move the cursor to go to the playlist you want to delete.
5. Press **M** to enter the option menu.
6. Rotate the **Control ring** to move the cursor to *Delete Playlist,* then press the **Control joystick** to confirm.



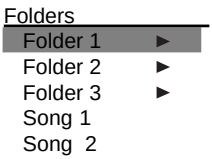
Note: Refer to *Creating Pre-defined Playlists and transferring them to your Lyra Jukebox* for details

Folder mode

Your Lyra Jukebox is a USB mass storage device that can be used to story any type of file. If you have added music content to the device, but forgot to profile, you can still browse the contents of your device using the 'Folders" menu item. To see the files stored on your Lyra Jukebox:



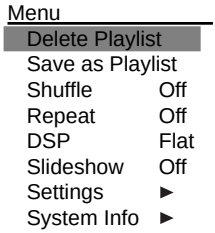
1. In navigation mode, rotate the **Control ring** to move the cursor to *Folders*.



2. Push the **Control joystick** to the right to see a list of folders or items in the Folders selection in the Music Navigation Display
3. When *Folders* is displayed, rotate the **Control ring** to select the folder or file you want to browse.

   Folders are listed first and individual files are listed next.
4. You can play music files or view photos at any time by pressing the **Control joystick** when an item is selected.

Additional Features

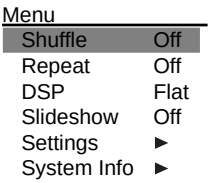


Press **M** in any mode to access the option menu. Option menu will appear regardless of which mode you are currently in.

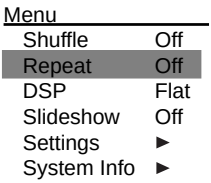
Note: during playback "M" has to be pressed twice to display option menu.

Shuffle and Repeat

Shuffle and repeat allow you to choose the playmode you like, different combinations of shuffle and repeat will be illustrated below.



1. Press **M** to show the option menu.
2. Rotate the **Control ring** to move to *Shuffle* or *Repeat*.
3. Press the **Control joystick** to toggle among:



Repeat One - Repeat the current item

Repeat All - Repeat all items.

Repeat Off - Repeat is Off.

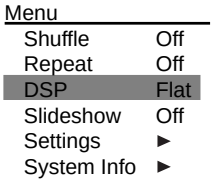
Shuffle On - Plays item randomly.

Shuffle Off - Shuffle is Off.

Repeat and shuffle will work differently, depending your cursor is on a song or a set (album, genre, etc.). You can select your desired combination of *Shuffle* and *Repeat* to suit you.

Adjusting DSP Settings

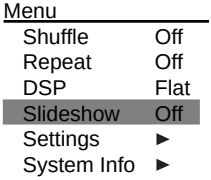
DSP Settings (Digital Signal Processor settings) adjust the various levels of the audio output for different types of songs. For example, the DSP setting for BASS makes the bass sounds more prominent. You can also personalize the levels via the *Graphic* menu item. The default DSP setting for your Lyra Jukebox is *FLAT*.



1. Press **M** to show the option menu.
2. Rotate the **Control ring** to move the cursor to *DSP*.
3. Press the **Control joystick** to toggle and select the DSP setting you want to use.
   - Flat
   - Bass
   - Pop
   - Rock
   - Jazz

Slideshows

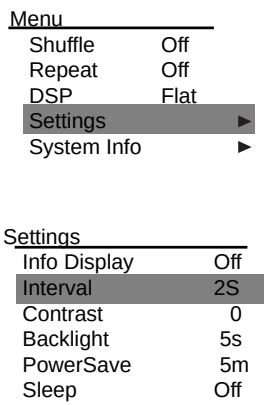
Slideshow enables you to view photos continuously at a specified time interval. This function is only available when viewing photos.



1. Press **M** to show the option menu.
2. Rotate the **Control ring** to move the cursor to *Slideshow*.
3. Press the **Control joystick** to select the slideshow time interval (Off, 3S, 5S, 10S, 15S).

System Settings

You can personalize the display settings for your Lyra Jukebox.



1. Press **M** to view the menu.
2. From the sub-menu, Rotate the **Control ring** to select *Settings*.
3. Press the **Control Joystick** to show setting options.
4. Highlight the display setting (*Customize Menu, Contrast, Backlight, PowerSave* or *SleepTimer*) you want to adjust by rotating the **Control ring**.
5. Press the **Control Joystick** to select among options in the following settings.

   Contrast (between -3 to +3)

   Backlight (5 sec, 10 sec, 20 sec, 30 sec, On)

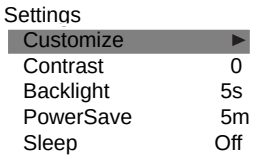
   PowerSave (Off, 1 min, 2 min, 5 min, 10 min)

   SleepTimer (Off, 30 min, 60 min, 90 min)

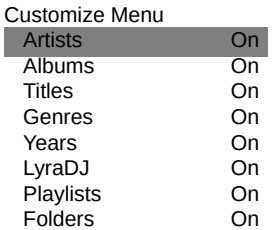
   Restore Defaults
6. Push the **Control Joystick** to the left to return to the previous submenu, or press the **M** button to exit the menu.

Customize Music Menu

You can set the music menu on the Lyra Jukebox to show and hide certain menu items.



1. Press the **M** button to enter the Menu.
2. Rotate the **Control ring** to highlight *Settings*.
3. Press the **Control Joystick** to enter the Settings menu.
4. From the settings menu, push the **Control Joystick** to highlight *Customize*.
5. Press the **Control Joystick** to view the Customize Menu options.



6. Press the **Control Joystick** to select the highlighted menu item to hide or show.

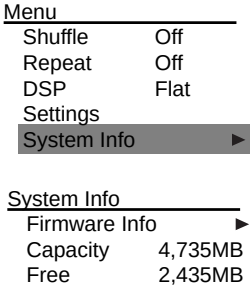
   Press **Control Joystick** to toggle between On and OFF.

   Select On to show the item on the music menu. Select Off to hide the item from the music menu.

7. Push the **Control Joystick** to the left to return to the previous submenu, or press the **M** button to exit the menu.

System Info

System Information shows Lyra Jukebox system details which includes the number of songs you have on your Jukebox, the amount of free space available and your firmware version.



1. From the settings menu, rotate the **Control ring** to select *System Info*.
2. Push the **Control Joystick** to the right to view *System Info* options.
3. Memory information will be displayed, or you can check the firmware information by pushing the **Control Joystick** to the right.
4. Push the **Control Joystick** to the left to return to the previous submenu, or press the **M** button to exit the menu.

Portable Hard Drive Capability

Since Lyra Jukebox has a 5-gigabyte hard drive, you can use it to transport files - any files, not just music files. Some possible uses for this feature are as follows:

- Create back-ups/archive files.
- Connect to other computers - at work, for example.
- Transport digital photo albums.
- Transport files from one computer to another computer. For example, instead of putting files at work on a zip or accessing them on your home computer via e-mail or remote access, you can put the files on your Lyra Jukebox.
- Capture internet downloads.
- Share information.

* 1GB = $1X10^{9}$

Tips and Troubleshooting

Problem: Player repeats same tracks or all tracks.

- Repeat play is turned on. Use the menu to change the play mode.

Problem: Audio distorted at high volume.

- Select another DSP setting.
- Turn down the volume.

Problem: The audio tracks on my Lyra keep skipping or popping.

- You'll need to re-record the audio track – make sure you close all other applications on your PC when you record.
- Try recording with Error Correction setting turned on.

Problem: Player turns itself off.

- Your Lyra Jukebox turns itself off if you leave it in pause mode or navigation mode for the duration specified in PowerSave.

Problem: Songs aren't listed in any of the sort modes (Artist, Album, etc.)

- The contents of the Lyra Jukebox haven't been profiled (sorted) since the last file transfer. Select the *Profile Device Contents...* menu item from the Lyra Jukebox profiler system tray application on your PC to profile (sort) the contents of the device. The icon in the system tray looks like this .

Problem: Bad or missing file error message displayed on the Lyra Jukebox.

- The Lyra Jukebox system files are corrupted or missing. Select the *Update System Files...* menu item from the Lyra Jukebox profiler system tray application on your PC to update the necessary system files.

Problem: Lyra Jukebox does not respond to key presses.

- If your Lyra Jukebox stops responding to key presses, you can reset it by pressing **ON/OFF/STOP** for 10 seconds. Most of your settings will be preserved; only the settings that you have changed after your last power off will be lost.
- This unit may temporarily cease to function if subjected to electrostatic disturbance. To resume normal operation, it may be necessary to cycle the power off and back on or you can reset it by pressing **ON/OFF/STOP** for 10 seconds.

"Cannot turn on unit even when the power adapter is connected."

- Battery is deeply discharged / empty. Charge the unit for at least 3 hours before powering up.

Problem: All the songs appear twice in my unit.

- It is possible that you have copied all your songs into the Music Folder for use with LyraDJ. To resolve the problem, delete the duplicate files that are outside Music Folder. (LyraDJ only works on files that are in a folder called Music.) Next time when you need to move file on the player, use the Move command instead of the Copy command.

Cannot playback tracks on the player.

- Make sure audio tracks are encoded in the mp3 or Windows Media formats at supported bitrates.
  Bitrates support by the player:
  mp3 – 32 to 320 kbps
  wma – 48 to 160 kbps

Specifications & System Requirements

Hardware

- Dimensions: 3.3" H, 2 " W, 0.6 " D
- Unit Weight: 3 Ounces
- 5 Giga Byte Storage
- Stereo Headphones Jack
- Mini USB Connection Jack
- Battery Operated: Internal rechargeable lithium polymer battery.

Hard Disc

- External Hard Disc Drive: When connected to a computer via USB, the Lyra Jukebox is capable of storing any file type allowing the user a fast, convenient method of storing, retrieving, and transferring files. Including word processing files, presentations, spreadsheets and any other computer files.
- Capacity: 5 GB
- Rotational Speed: 3600 RPM
- Connection: USB 2.0, Hi-speed capable

Software

- Includes Music Management software with the Lyra Jukebox applications and the MusicMatch Jukebox software.
  MusicMatch Jukebox software lets the user organize all tracks in a digital music library, create custom playlists through drag and drop interface.

– Encodes mp3 and Windows Media Audio (WMA) files.
– Integrated CD Player.
– Export to WAV
– mp3 Equalizer

PC Hardware Requirements

- Pentium III 500MHz or higher recommended
  Macintosh iMac G3 or higher
- Windows ®98SE, Me, 2000, or XP
  Mac OS X Version 10.1.5 or higher
- Internet Explorer 4.0 or higher
- Internet access
- 100MB free hard disk space for the software
- 64MB RAM (128 MB recommended)
- CD-ROM drive capable of digital audio extraction
- USB port (2.0 recommended)
- Installed sound card
- 16- bit color video card

Accessories

- CD-ROM Music Management Software
- USB Connection Cable
- AC/DC Adapter
- Stereo Headphones

Miscellaneous Specifications

- Signal to Noise Ratio (>85dB) A-weighted
- THD (<0.1%)

1 MusicMatch and MusicMatch Jukebox are registered trademarks of MusicMatch Corp.

2 Warning – This product is not intended for the unauthorized recording or duplication of copyrighted material.

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Please do not send any products to the address listed in this manual or on the carton. This will only add delays in service for your product.

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